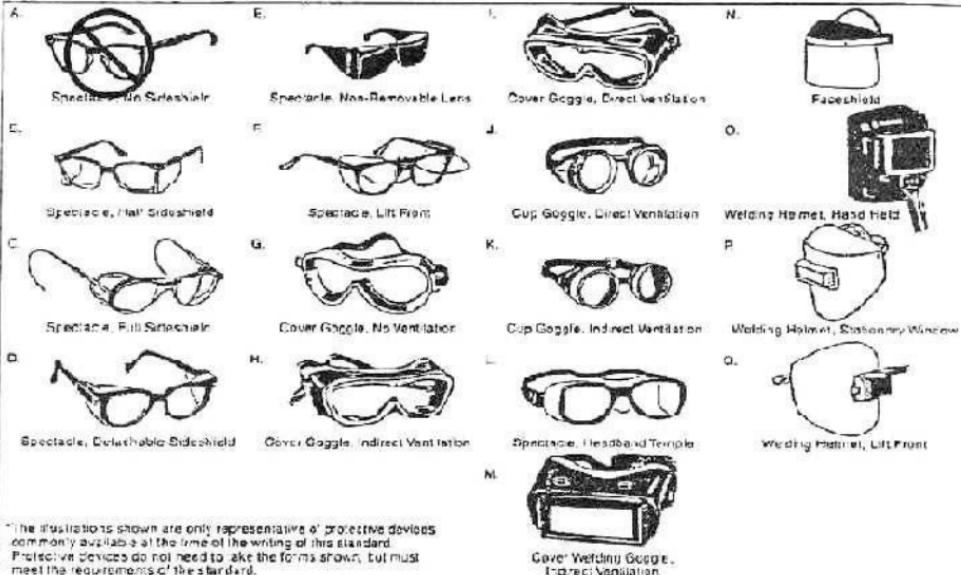


SELECTION CHART

PROTECTORS

		ASSESSMENT SEE NOTE (1)	PROTECTOR TYPE	PROTECTORS	LIMITATIONS	NOT RECOMMENDED
I M P A C T	Chipping, grinding, machining, masonry work, riveting, and sanding.	Flying fragments, objects, large chips, particles, sand, dirt, etc.	B,C,D, E,F,G, H,I,J, K,L,N	Spectacles, goggles faceshields SEE NOTES (1) (3) (5) (6) (10) For severe exposure add N	Protective devices do not provide unlimited protection. SEE NOTE (7)	Protectors that do not provide protection from side exposure. SEE NOTE (10) Filter or tinted lenses that restrict light transmittance, unless it is determined that a glare hazard exists. Refer to OPTICAL RADIATION.
H E A T	Furnace operations, pouring, casting, hot dipping, gas cutting, and welding.	Hot sparks	B,C,D, E,F,G, H,I,J, K,L,*N	Faceshields, goggles, spectacles *For severe exposure add N	Spectacles, cup and cover type goggles do not provide unlimited facial protection.	Protectors that do not provide protection from side exposure.
		Splash from molten metals	*N	SEE NOTE (2) (3) *Faceshields worn over goggles H,K	SEE NOTE (2)	
		High temperature exposure	N	SEE NOTE (2) (3) Screen faceshields, Reflective faceshields.	SEE NOTE (3)	
C H E M I C A L	Acid and chemicals handling, degreasing, plating	Splash	G,H,K *N	Goggles, eyecup and cover types. *For severe exposure, add N	Ventilation should be adequate but well protected from splash entry	Spectacles, welding helmets, handshields
D U S T		Irritating mists	G	Special purpose goggles	SEE NOTE (3)	
D U S T	Woodworking, buffing, general dusty conditions.	Nuisance dust	G,H,K	Goggles, eyecup and cover types	Atmospheric conditions and the restricted ventilation of the protector can cause lenses to fog. Frequent cleaning may be required.	
O P T I C A L R A D I A T I O N	WELDING: Electric Arc		O,P,Q	TYPICAL FILTER LENS PRO-SHADE TECTORS SEE NOTE (9)	Protection from optical radiation is directly related to filter lens density. SEE NOTE (4). Select the darkest shade that allows adequate task performance.	Protectors that do not provide protection from optical radiation. SEE NOTE (4)
WELDING: Gas				10-14 Welding Helmets or Welding Shields		
CUTTING		J,K,L, M,N,O, P,Q	4-8 Welding Goggles or Welding Faceshield	SEE NOTE (3)		
TORCH BRAZING			3-6			
TORCH SOLDERING		B,C,D, E,F,N	3-4 1.5-3 Spectacles or Welding Faceshield			
GLARE		A,B	Spectacle SEE NOTE (9) (10)	Shaded or Special Purpose lenses, as suitable. SEE NOTE (8)		

PROTECTIVE DEVICES



*The illustrations shown are only representative of protective devices commonly available at the time of the writing of this standard. Protective devices do not need to look the forms shown, but must meet the requirements of the standard.

NOTES:

(1) Care shall be taken to recognize the possibility of multiple and simultaneous exposure to a variety of hazards. Adequate protection against the highest level of each of the hazards must be provided.

(2) Operations involving heat may also involve optical radiation. Protection from both hazards shall be provided.

(3) Faceshields shall only be worn over primary eye protection.

(4) Filter lenses shall meet the requirements for shade designations in Table 1.

(5) Persons whose vision requires the use of prescription (Rx) lenses shall wear either protective devices fitted with prescription (Rx) lenses or protective devices designed to be worn over regular prescription (Rx) eyewear.

(6) Wearers of contact lenses shall also be required to wear appropriate covering eye and face protection devices in a hazardous environment. It should be recognized that dusty and/or chemical environments may represent an additional hazard to contact lens wearers.

(7) Caution should be exercised in the use of metal frame protective devices in electrical hazard areas.

(8) Refer to Section 6.5, Special Purpose Lenses.

(9) Welding helmets or面shields shall be used only over primary eye protection.

(10) Non-sideshield spectacles are available for frontal protection only.

*** Item A (Spectacles, No Sideshield) is not applicable. All prescription safety glasses require sideshields.